

10/560278

Attorney's Docket No. 034193-034

IAP13 Receipt/PTO 12 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Gert STAUCH et al. ) Group Art Unit:  
Application No.: Unassigned ) Examiner:  
Filed: December 12, 2005 ) Confirmation No.:  
For: ULTRASONIC STANDING-WAVE )  
ATOMIZER ARRANGEMENT )  
)  
)  
)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The relevance of the listed documents is their citation in the International Search Report and German Search Report in the corresponding PCT application.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date December 12, 2005

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Substitute for form 1449A/PTO & 1449B/PTO			<i>Complete if Known.</i>		
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>			Application Number	Unassigned <b>107560278</b>	
			Filing Date	December 12, 2005	
			First Named Inventor	Gert STAUCH et al.	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	034193-034

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,981,425		Lierke et al.	01-01-1991
	5,164,198	A	Bauckhage et al.	11-17-1992
	2002/0156400	A1	Babaev	10-24-2002
	5,122,047	A	Bauckhage et al.	06-16-1992

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS				
					Translation	International Search Report	German Search Report	With English Abstract	English Abstract
	*28 42 232	A1	Germany	04-17-1980	X				
	*43 28 088	A1	Germany	02-23-1995	X			X	
	*39 39 178	A1	Germany	05-29-1991		X	X		
	*37 35 787	A1	Germany	03-30-1989		X	X		
	*29 06 823	A1	Germany	09-04-1980		X			
	*0 308 600	A1	Europe	03-29-1989		X	X		
	*0 257 825	A2	Europe	03-02-1988		X			
	*0 251 524	A2	Europe	01-07-1988		X			
	*02/46097	A1	WO	06-13-2002		X	X		
	*58-174842	A	Japan	10-13-1983		X			X

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*HEINRICH KUTTRUFF, "FOKUSSIERUNG VON ULTRASCHALL", Physik und Technik des Ultraschalls", 1988, pages 121-124, S. Hirzel Verlag Stuttgart
	*MICHAEL M. RIELAENDER, "REALLEXIKON DER AKUSTIK", Bibliothek des Deutschen Patentamtes, September 3, 1982, pages 154 and 444-445, Verlag Erwin Bochinsky, Frankfurt/Main
	*ALFONSO BARONE et al., "FLEXURAL VIBRATING FREE-EDGE PLATES WITH STEPPED THICKNESSES FOR GENERATING HIGH DIRECTIONAL ULTRASONIC RADIATION", The Journal of the Acoustical Society of America, 1972, pages 953-959, Volume 51, Number 3 (Part 2)
	*International Search Report dated October 8, 2004 (with English translation of category of cited documents).
	*German Search Report dated August 27, 2003 (with English translation of category of cited documents).

\*Copy attached.

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.  
Form Letters1